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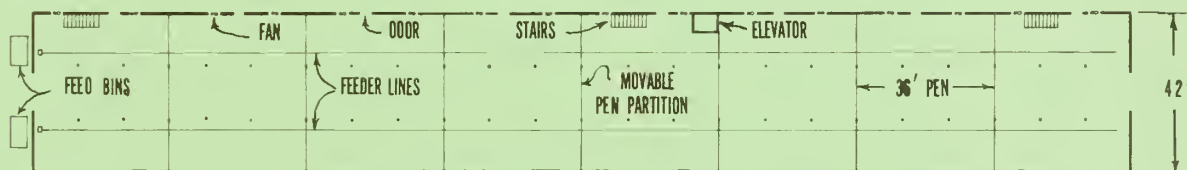
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3-Story BROILER HOUSE

COOPERATIVE
FARM BUILDING
Plan No. 6036

(5 SHEETS)

PLAN EXCHANGE



GROUND FLOOR PLAN

This is a large house. It is 42 feet in width, and the length is variable in units of 36 feet. The design is intended to provide a maximum floor area at the lowest practical cost per square foot. The bird capacity per 36-foot unit of length varies from 4,400 to 5,800 at 1.0 and 0.75 square foot per bird, respectively. Forced ventilation is provided by fans mounted in one sidewall.

Light wood-frame construction is used. The ground floor is a concrete slab. Other floors are plywood. Corrugated sheet metal is used for both roofing and siding.

High-quality workmanship, with special attention to fastenings, is required. The longitudinal stiffness of the building depends on the plywood interior lining of the sidewalls and knee braces from posts to girders.

Lateral stiffness depends on the end walls, knee braces along the sidewalls and at the posts, and the diaphragm action of the plywood floors and ceiling of the third floor.

Working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Federal Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6036, 3-STORY BROILER HOUSE

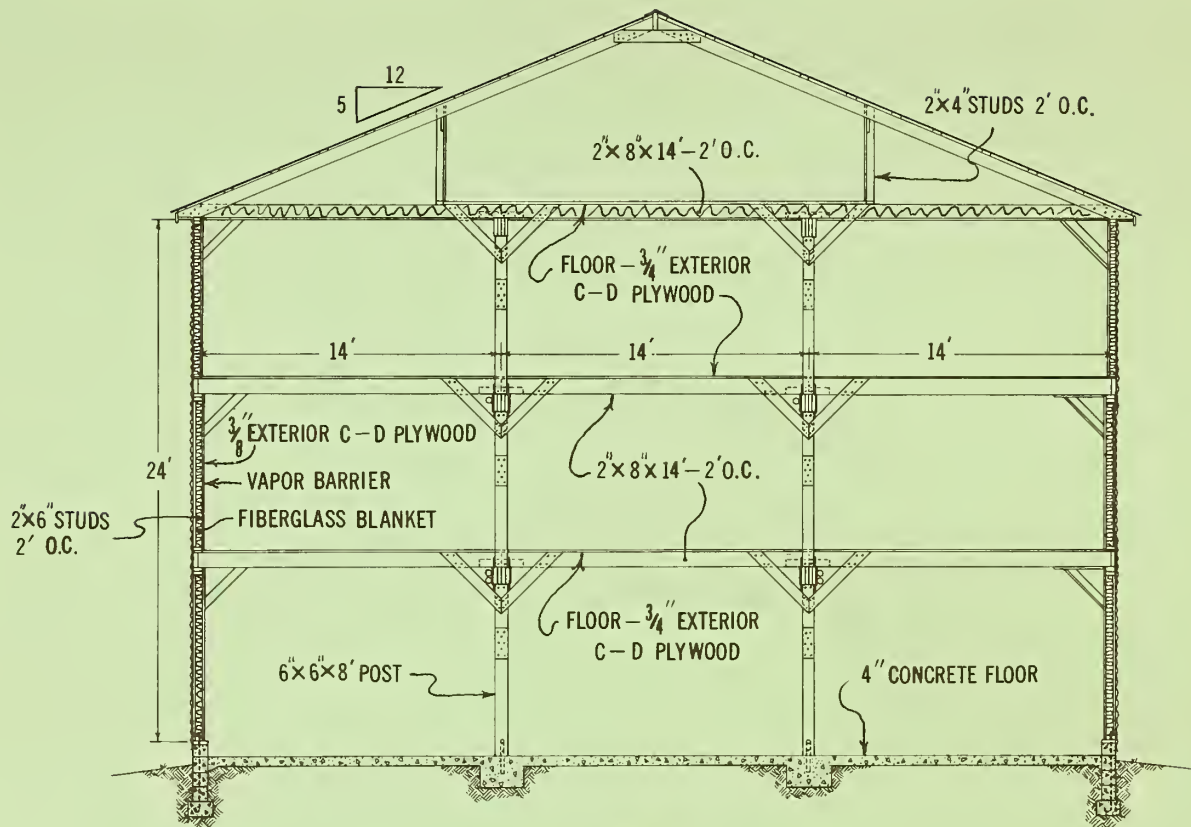
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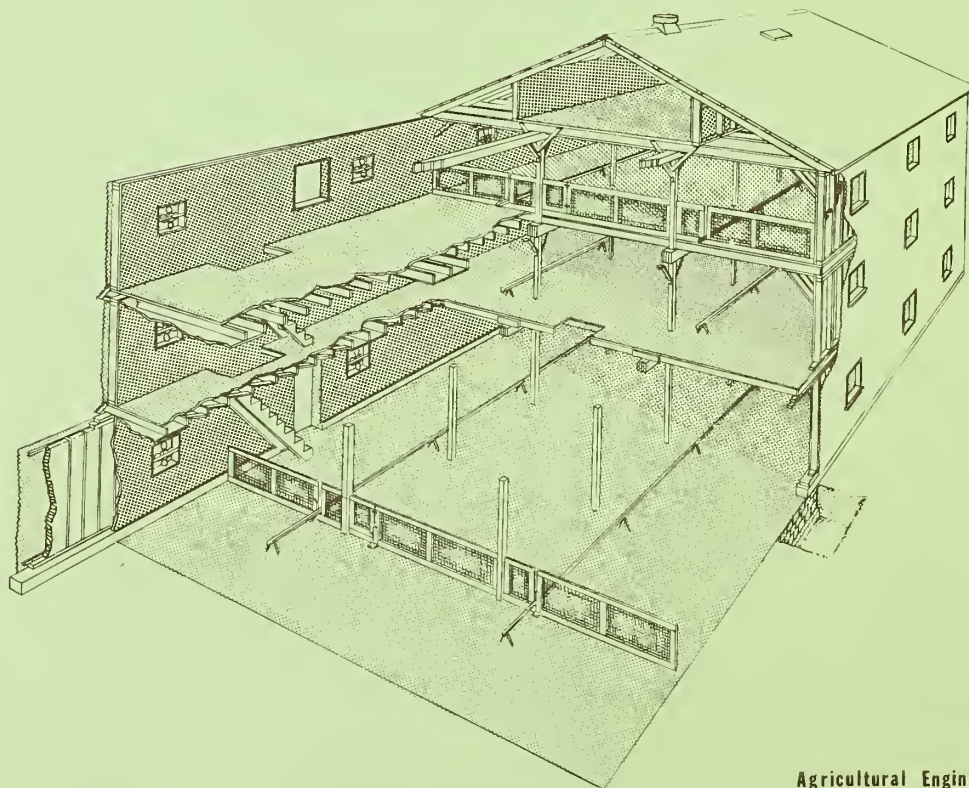
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CROSS SECTION



CUTAWAY VIEW

